

ABSTRACT

A method for producing non-recovery/heat recovery coke may include the steps of providing a container, disposing a volume of loose coal into the container such that a vertical dimension of the volume of loose coal in the container is smaller than a horizontal dimension of the volume of loose coal, applying a force to the coal in the container to produce a volume of compacted coal having a substantially uniform density which is larger than that of the loose coal, disposing the compacted coal into a non-recovery/heat recovery type oven, and heating the compacted coal to produce coke. The method may also include the steps of providing a container, and moving the non-recovery/heat recovery coke mass from the oven at a substantially constant elevation to the container, quenching the coke mass in the container to produce a quenched coke mass, and removing the quenched coke mass from the container.